



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

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No. 22] NEW DELHI, SATURDAY, JUNE 2, 1990 (JYASTHA 12, 1912)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि वह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों के सम्बंधित अधिवृत्तार और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 2nd June 1990

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THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

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Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 403, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

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Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.
Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 2 जून 1990

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जिन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा,
टोडी इस्टेट,
तीसरा तल, लोअर एस्टेट (पश्चिम),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं
संघ शासित क्षेत्र गोवा, दमन तथा दिव एवं
दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस” ।

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश
राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस” ।

पेटेंट कार्यालय शाखा,

61, बालाजह रोड,

मद्रास-600 002.

आंध्र प्रदेश, कर्नाटक, कोरल, तामिलनाडु राज्य क्षेत्र
एवं संघ शासित क्षेत्र पाण्डिचेरी,
लक्षद्वीप, मिनिकाय तथा
एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस” ।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहूतलीय कार्यालय भवन,
5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700 020.
भारत का अन्वेषण क्षेत्र ।

तार पता—“पेटेंट्स” ।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपेक्षित सभी आवेदन प्राप्त होने पर, निवरण या अन्य प्रले-
पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए
जायेंगे ।

शुल्क :—शुल्कों की अनुसूची या तो नकद की जायेगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed Under Section 135, of the Patents Act. 1970.

The 24th April 1990

339/Cal/90. Shri Subodh Kumar Mukherjee. Horizontal
vacuum belt filter with stop motion.

340/Cal/90. NKF Kabel B. V. Plug-In connection for high-
voltage plastic cables.

341/Cal/90. General Electric Company. Laser shaping
with an area patterning mask.

342/Cal/90. Insta-Foam Products, Inc. Apparatus and
methods for dispensing foamable products.

The 25th April 1990

343/Cal/90. Elliott Turbomachinery Co., Inc. Compressor
control system to improve turndown and reduce
incidents of surging.

344/Cal/90. Bike-O-Matic, Ltd. Anti-Theft device.

345/Cal/90. Emerson Electric Co. Structure and method
of assembly of bearing support means to the
stator assembly of an electric motor.

ALTERATION

166548

Anti-dated 27th June, 1984.

(466/Cal/87).

CLAIM UNDER SECTION 20(1) OF THE PATENTS
ACT 1970

The claim made by Stahlwerke Bochum AG under Section
20(1) of the Patents Act, 1970 to proceed the application
for PATENT NO. 165821 in their name has been allowed.

PATENTS SEALED

164896	164924	164932	164937	164983	164993	165115
165202	165203	165226	165227	165228	165234	165235
165236	165244	165246	165252	165253	165254	165255
165257	165258	165262	165265	165268	165269	165271
165277	165279	165280	165282	165285	165286	165287
165288	165289	165290	165294	165295	165296	165300
165339	165351	165354	165357	165359	165360	
CAL	-	18				
DEL	-	14				
MAS	-	8				
BOM	-	8				

RENEWAL FEES PAID

146566	148513	148535	148592	148716	148985	149035
149320	149533	150424	150748	150749	150942	151044
151045	151055	151056	151057	151061	151312	151437
151583	151604	151638	151671	152329	152330	152565
152601	152876	152938	152981	153108	153350	153603
153638	153744	153854	153908	153930	153954	154362
154472	154493	154651	155076	155119	155475	155670
155800	155803	156015	156199	156393	156490	156697
156803	157028	157513	158164	158195	158216	158363
158679	159052	159123	156295	159296	159297	159539
159552	159790	160808	160811	160812	160987	161008
161009	161023	161033	161034	161221	161383	161757
162076	162594	162793	162816	163335	163337	163745
164046	164096					

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 162722 dated the 15th May 1981 made by Energy Conversion Devices Inc on the 19th September 1989 and notified in the Gazette of India, Part III, Section 2 dated the 6th January 1990 has been allowed and the said Patent restored.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 162721 dated the 15th May 1981 made by Energy Conversion Devices Inc on the 19th September 1989 and notified in the Gazette of India, Part III, Section 2 dated the 6th January 1990 has been allowed and the said Patent restored.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patent's Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below, in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for the sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी

अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हों के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

नीचे सूचीगत विनिर्देशों की सीमित संख्या में मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8 किरण संकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि चाहिए हों; के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियां की आपूर्ति पेटेंट कार्यालय, कलकत्ता, द्वारा विहित लिप्यान्तरण प्रभार उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायगी पर की जा सकती है। विनिर्देश को पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CLASS : 37-A.

166541

Int. Cl. : B 04 b 3/00.

ROTATING SEPARATOR.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT, WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventor : I. ARNE F. ERIKSSON.

Application No. 267/Cal/87 filed April 2, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

Separator apparatus for separating a mixture of a plurality of particle constituents of different sizes, comprising :

chamber means defining a plurality of concentric chambers, each of said chambers comprising a discharge opening for discharging a respective particle constituent;

a rotor mounted above said plurality of chambers; drive means connected to and operable to rotate said rotor;

feed means for feeding the mixture of a plurality of particle constituents onto said rotor to subject the same to centrifugal forces which discharge the particle constituents over the periphery of said rotor along paths related to their respective surface area to mass ratios to fall into respectively located ones of said chambers;

and

air flow means in communication with said discharge openings of said chambers providing a flow of air for entraining and transporting away the smaller of said particle constituents.

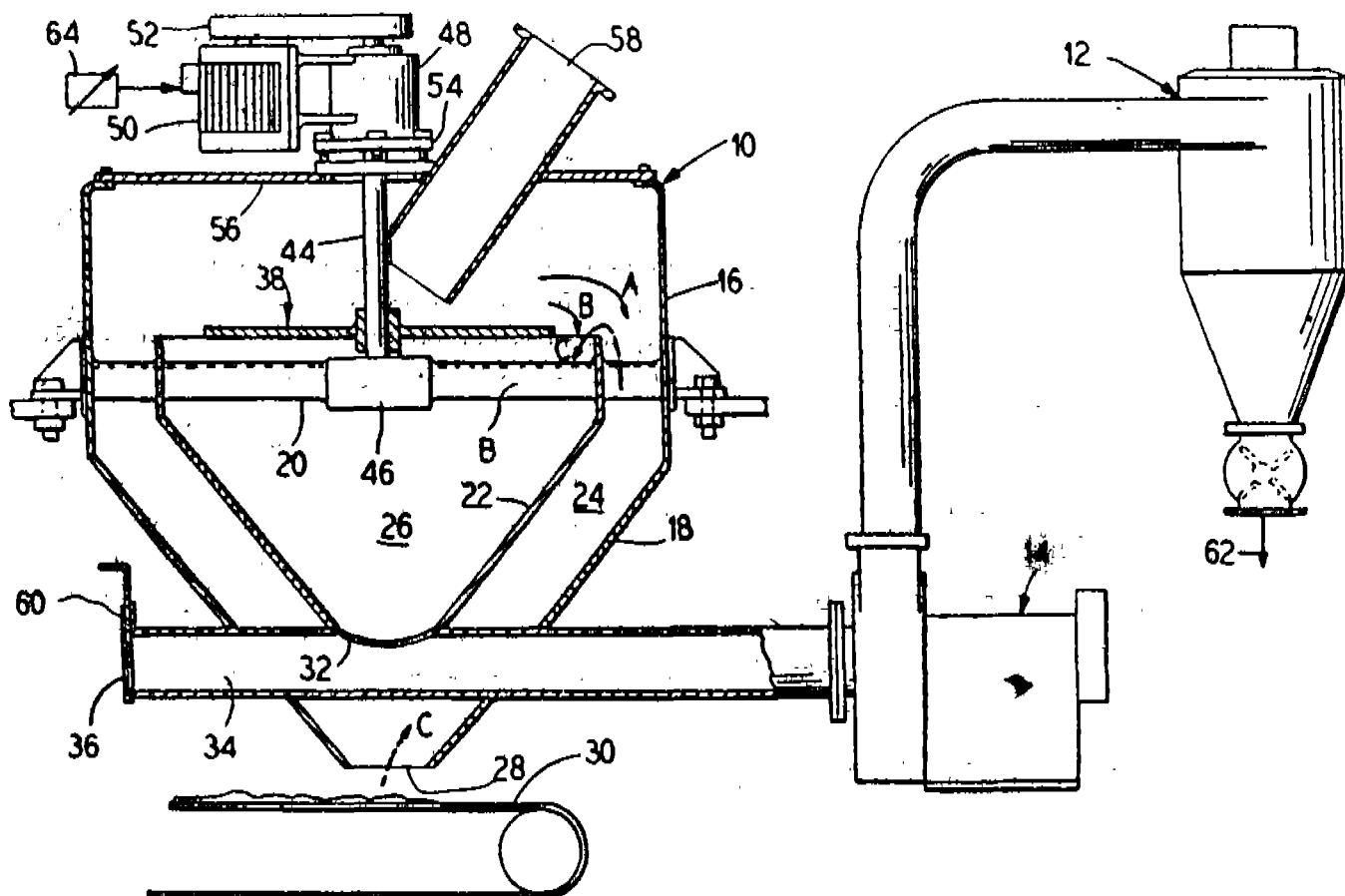


Fig. 1

Compl. specn. 14 pages.

Drgs. 3 sheets

CLASS : 69-A.

166542

Int. Cl. : H 01 h 77/00.

CIRCUIT BREAKER WITH A VISUAL FAULT INDICATOR.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. WILLIAM ELLSWORTH BEATTY, JR., 2. JOHN ANTHONY WAFER, 3. WALTER WILLIAM LANG.

Application No. 288/Cal/87 filed April 10, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A circuit breaker with a visual fault indicator comprising :

an insulating housing having an aperture, separable contacts within the housing, a movable contact arm supporting one of the contacts;

an operating structure connected to the movable contact arm for operating the arm between open and closed positions during conditions of normal current flow through the contacts;

a releasable mechanism releasable to effect automatic operation of the operating structure to effect automatic separation of the contacts;

an electromagnetic trip device operable upon over-current conditions to release the operating structure and comprising a magnet and an armature movable through

a gap to and from the magnet fault-indicator means for movement through the aperture of the housing in response to an over-current condition; and

a screw for adjusting the size of the gap by limiting movement of the armature from the magnet so as to releasably restrain operation of the fault indicator means.

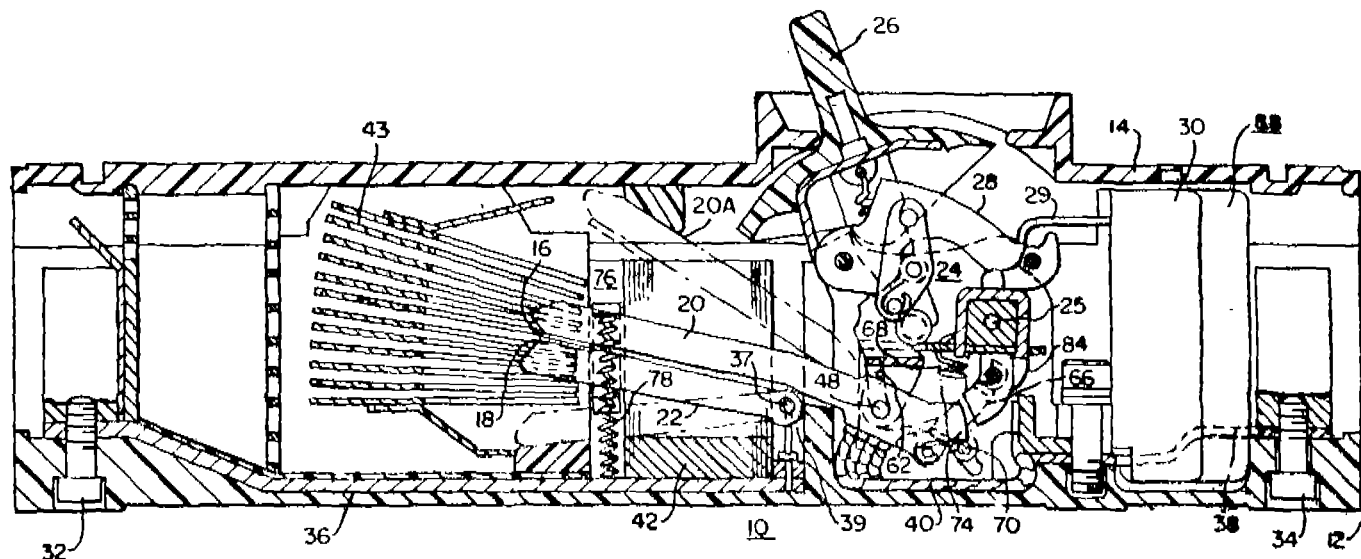


Fig. 1

Compl. specn. 12 pages.

Drgs. 6 sheets

Int. Cl. : G 01 j 3/02.

166543

A SAMPLE CELL FOR CHEMICAL ANALYSIS OF MATERIAL IN A MOVING PROCESS STREAM BY SPECTROPHOTOMETRIC MEANS.

Applicant : AUTOMATIK APPARATE-MASCHINENBAU GMBH, RINGHEIM/OSTRING 19, D-8754 GROSSSTHEIM 2. FEDERAL REPUBLIC OF GERMANY.

Inventor : I. ROBERT JAMES HARVEY.

Application No. 312/Cal/87 filed April 21, 1987.

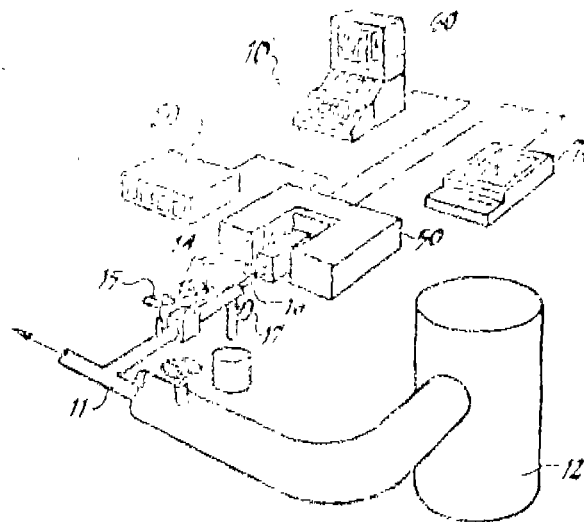
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A sample cell for chemical analysis of material in a moving process stream by spectrophotometric means, said sample cell comprising :

- (a) a housing;
- (b) a through bore formed in said housing;
- (c) a first radiation transmissible window movably positioned in said bore;
- (d) a second radiation transmissible window movably positioned in said bore in opposed, variable, spaced apart relation to said first radiation transmissible window and defining therebetween an observation chamber having a path length which is varied by movement of said first and second windows relative to each other;
- (e) an inlet conduit formed in said housing and communicating for fluid flow with said observation chamber for admitting material in a process stream into the observation chamber;
- (f) an outlet conduit in said housing and communicating for fluid flow with said observation chamber for discharging material from the observation chamber;
- (g) said inlet conduit and said outlet conduit being axially aligned in a common plane on an upstream and a downstream side of the observation chamber, respectively, to permit an axially direct flow of material into and out of the observation chamber; and

(h) said first and second windows being variably adjustable by symmetrical movement with respect to each other and to the inlet conduit and outlet conduit to define the observation chamber as having an adjustable path length relative to the inlet conduit and outlet conduit whereby material may flow directly through the inlet conduit into said observation chamber, past said first and second windows and out of said observation chamber through the outlet conduit thereby minimizing turbulence and shear in the material.



Compl. specn. 22 pages.

Drgs. 5 sheets

CLASS : 32-E.

166544

Int. Cl. : C 08 f 2/00, 114/00.

PROCESS FOR THE POLYMERIZATION IN AQUEOUS DISPERSION OF FLUORINATED MONOMERS.

Applicant : AUSIMONT S.P.A., OF 31, FORO BUONA-PARTE, MILAN, ITALY.

Inventors : 1. ENZO GLANNETTI, 2. ANGELO ROTASPERTI, 3. ENRICO MARCHESE.

Application No. 332/Cal/87 filed April 27, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for polymerizing and copolymerizing fluorinated monomers, in an aqueous dispersion, by using redicalic starters as herein described and fluorinated surfactants as herein described, characterized in that at the beginning of the polymerization there are added to the monomers perfluoropolyethers having neutral end groups in an aqueous emulsion, said perfluoropolyethers being liquid under the polymerization conditions and having a mean molecular weight not lower than 3000 and a viscosity of at least 1 CSt at 25°C, the perfluoropolyether amount being not lower than 0.1 ml per liter of starting aqueous solution.

Compl. specn. 22 pages.

Drg. Nil

CLASS 69-E & F₁.

166545

Int. Cl. : H 001 h 1/00.

ELECTRICAL CONTACT.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTEISBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : 1. ALFRED MURR, 2. ALBERT PHILDUS, 3. HEINRICH KALLHARDT.

Application No. 378/Cal/87 filed May 11, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An electrical contact comprising a carrier, an intermediate layer applied to the carrier and consisting of highly abrasion-resistant contact material, and an outer layer applied to the intermediate layer consisting of a non-corroding, hard and electrically highly conductive contact material of relatively small thickness.

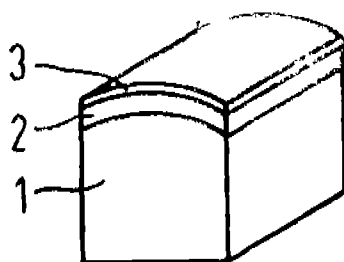


Fig. 1

Compl. specn. 5 pages.

Drg. 1 sheet

CLASS : 32-E, 55-E & 152-F.

166546

Int. Cl. : A 61 k 9/52.

PROCESS FOR PREPARING EXTENDED ACTION CONTROL RELEASE PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION.

Applicant : EUROCELTIQUE, S.A., OF 122 BOULEVARD DE LA PETRUSSE, LUXEMBOURG.

Inventor : 1. BENJAMIN OSSHLACK.

Application No. 427/Cal/87 filed June 1, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A process for preparing an extended action controlled release pharmaceutical composition for oral administration, comprising :

(i) Preparing a core or matrix by combining together by wet process a pharmaceutically acceptable higher aliphatic alcohol of 10—18 carbon atoms, a pharmaceutically acceptable acrylic resin and optionally one or more conventional inert auxiliary material, said acrylic resin being in an amount of about 10—60% by weight of the weight of said higher aliphatic alcohol plus the said acrylic resin;

(ii) incorporating selected amount of one or more pharmaceutically active agent into the core or matrix during or after its preparation, and

(iii) drying the granulated mass.

Compl. specn. 21 pages.

Drg. Nil

Int. Cl. C 30 b 35/00.

166547

IMPROVEMENTS IN OR RELATING TO SILICON FEED SYSTEM.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : 1. EDGAR LEONARD KOCHKA.

Application No. 452/Cal/87 filed June 10, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An apparatus capable of being evacuated and gas back-filled for supplying, essentially without the addition of metal contaminants, various sized and shaped silicon particles to a silicon melt within a furnace from which single crystal dendritic web silicon ribbon is pulled, with upper supply means for delivering the various sized and shaped silicon particles from a reservoir, characterized by a horizontally-oriented, non-metallic housing (36) with a cylindrical bore with said upper supply means (32) located above said housing (36) proximate one end of said horizontally-oriented housing (36) and in communication with the interior of said housing (36), sealing means (40, 42) hermetically sealing both ends of said housing (36) and having non-metallic surfaces adjacent the interior of said housing (36), a rotatable shaft (46) located substantially along the major axis of said housing (36) positioned by apertures in said sealing means (40, 42) and passing through at least one of said sealing means (40, 42), an auger comprised of a multitude of bristles (48), said bristles (48) having one end fixed in said rotatable shaft (46) and extending radially outward from said shaft (46) in a spiral pattern, said bristles having at least

an outer surface of a non-metallic material such as herein described and a length that reaches substantially to the inner surface of said housing (36), lower discharge means (50) having at least an inner surface of nonmetallic material for discharging the various sized and shaped silicon particles from said housing (36) as said particles are transported to the lower discharge means (50) by the auger, and means for rotating said shaft in a predetermined direction.

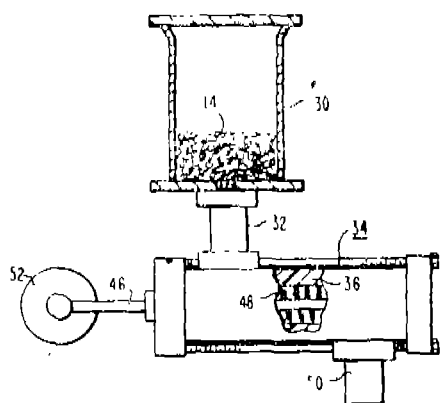


Fig. 2

Compl. specn. 12 pages.

Drgs. 3 sheets

CLASS : 94-G.

166548

Int. Cl. : F 16 p 3/00, 3/20.

SAFETY SYSTEM FOR COAL PULVERIZERS.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS, LOUISIANA-70160, UNITED STATES OF AMERICA.

Inventors : 1. MARSHALL COOPER, 2. ROBERT POCOCK.

Application No. 466/Cal/87 filed June 15, 1987.

Divisional of Application No. 448/Cal/84 dated 27th June, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A safety system for a coal pulverizer comprising :

means for determining the actual rate of carbon monoxide level change in the coal pulverizer and establishing a signal indicative thereof;

means for comparing the signal from said determining means with a predetermined set point signal indicative of a potentially hazardous rate of carbon monoxide level change in the coal pulverizer and establishing a control signal therefrom; and

alarm means responsive to said control signal for indicating a potentially hazardous condition in the coal pulverizer.

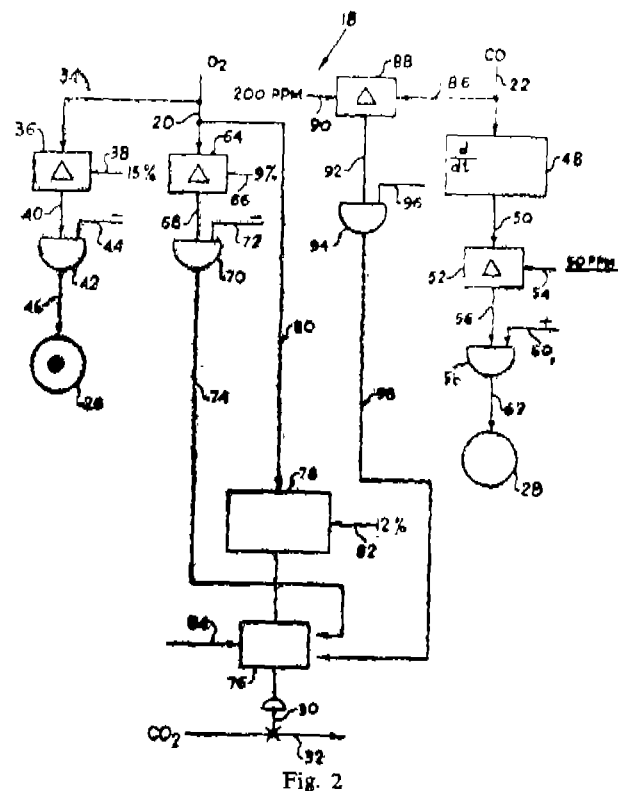


Fig. 2

Compl. specn. 17 pages.

Drgs. 2 sheets

CLASS : 32-C.

166549

Int. Cl. : C 08 b 37/04.

A PROCESS FOR THE PREPARATION OF PARTIAL OR TOTAL ESTERS OF ALGINIC ACID.

Applicant : FIDIA, S. P. A. OF VIA PONTE DELLA FABBRICA, 3/A, 35031 ABANO TERME, ITALY.

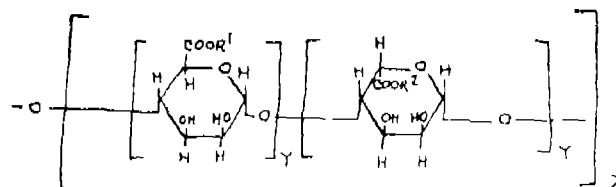
Inventors : 1. FRANCESCO DELLA VALLE, 2. AURELIO ROMEO.

Application No. 485/Cal/87 filed June 22, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

A process for the preparation of partial or total esters of alginic acid of the Formula I of the accompanying drawing



Formula I

in which R¹ and R² are each independently hydrogen or an alcoholic moiety selected from the group consisting of aliphatic, araliphatic, cycloaliphatic and heterocyclic radicals, and pharmaceutically acceptable salts thereof with metals or with organic bases, which comprises reacting, in an aprotic solvent, a quarternary ammonium salt of alginic acid with an esterifying agent introducing the alcoholic moiety, and, optionally, salifying any free carboxyl groups in the obtained esters, as herein described.

Compl. specn. 99 pages.

Drg. 1 sheet

CLASS : 32-F₂ b & 55-D₂.

166/550

Int. Cl. : A 01 n 43/50;

C 07 d 213/00, 215/00 & 233/20.

A METHOD OF PREPARING A NOVEL AQUEOUS HERBICIDAL IMIDAZOLINONE COMPOSITION.

Applicant : AMERICAN CYANAMID COMPANY, AT ONE CYANAMID PLAZA, WAYNE, NEW JERSEY 07470, UNITED STATES OF AMERICA.

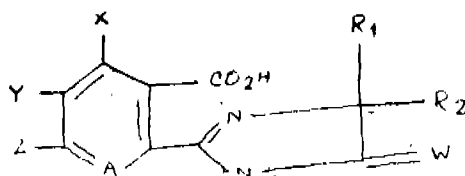
Inventors : 1. WILLIAM STEVEN STELLER. 2. ROGER CHARLES KEINTZ.

Application No. 624/Cal/87 filed August 11, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method of preparing a novel aqueous herbicidal imidazolinone composition comprising mixing on a weight basis :



- (i) 1.0% to 45% of a water soluble imidazolinone acid salt having the formula I/as shown in the accompanying drawings wherein A is CH; N or N \leftrightarrow O; W is oxygen or sulfur; X is H, halogen, methyl or hydroxyl; Y and Z are each hydrogen, halogen, C₁-C₆ alkyl, hydroxyloweralkyl, C₁-C₆ alkoxy, C₁-C₄ alkylthio, phenoxy, C₁-C₄ haloalkyl, nitro, cyano, C₁-C₄ alkylamino, diloweralkylamino or C₁-C₄ alkylsulfonyl group; or phenyl optionally substituted with C₁-C₄ alkyl, C₁-C₄ alkoxy or halogen; difluoromethoxy, trifluoromethoxy, 1, 1, 2, 3-tetrafluoroethoxy, C₃-C₈ straight or branched alkenyloxy optionally substituted with one to three halogens, or C₃-C₈ straight or branched alkynyloxy optionally substituted with one to three halogens; and, when taken together, Y and Z may form a ring which may optionally be substituted, in which YZ are represented by -(CH₂)_n, -(CH)_n, where n is an integer of 3 or 4, and when A is N or N \leftrightarrow O YZ may also be -(CH₂)₂-Q- or -(CH)-Q- wherein Q is oxygen or sulfur, with the proviso that X is hydrogen; R₁ is C₁-C₄ alkyl; R₂ is C₁-C₄ alkyl or C₃-C₈ cycloalkyl; and when R₁ and R₂ are taken together with the carbon to which they are attached they may represent C₃-C₆ cycloalkyl optionally substituted with methyl;

(ii) up to 20% urea;

(iii) upto 30% nonionic surfactant and sufficient water to total 100% which has been buffered with a sufficient amount of acid to have an initial pH in a range of 6 to pH 8.5.

Compl. Specn. 19 pages.

Drg. 1 sheet.

Cancellation of the Registration of Design

(Section 51A)

An application for cancellation has been made by Aris Furniture and Fitting Pvt. Ltd. to the registration of Design

Nos. 158991 and 158992 respectively both in Class 1 in the name of Earl Bihari Pvt. Ltd.

Registration of Designs

The following designs have been registered. The are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 161539. Wipro Information Technology Limited, Bakhtawar, 14th Floor, 229, Nariman Point, Bombay-400 021, Maharashtra State, India. "Computer". 17th October, 1989.

Class. 1. No. 161601. Partecipazioni Bulgari S.P.A. a company organised under the laws of Italy of No. 5, Via Gregoriana-00187 ROMA, Italy.. a "RING". 17th November, 1989.

Class. 1. Nos. 161602 to 161604. Partecipazioni Bulgari S.P.A. a company organised under the laws of Italy of No. 5, Via Gregoriana-00187 ROMA, Italy. an "Earring". 17th November, 1989.

Class. 1. No. 161613. Telefonica De Espana, S.A., a Spanish Company, of Gran Via, 28 28013 Madrid, Spain. "Public Telephone". 21st November, 1989.

Class. 1. No. 161710. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "an Electric Switch". 15th December, 1989.

Class. 3. No. 161614. Telefonica De Espana, S.A., a Spanish company, of Gran Via, 28, 28013 Madrid, Spain. "Public Telephone". 21st November, 1989.

Class. 3. No. 161643. Interlego A.G., a Swiss company of Sihlbruggstrasse, 3, CH-6340 Baar, Switzerland. an "Electric Toy Motor". 29th November, 1989.

Class. 3. No. 161644. Interlego A.G., a Swiss company of Sihlbruggstrasse 3, CH-6340 Baar, Switzerland, a "Toy building Element". 29th November, 1989.

Class. 3. Nos. 161656 & 161657. Interlego A.G., a Swiss company of Sihlbruggstrasse, 3, CH-6340 Baar, Switzerland. a "Toy Box". 29th November, 1989.

Class. 3. No. 161674. Vinodrai Vandravandas Barchha, an Indian of A-6, Adinath Tower, Sitaram Pandit Marg, Rajkot-360 001, Gujarat, India. "LTD". 4th December, 1989.

Class. 3. No. 161708. Larsen and Toubro Limited, of L & T House, Ballard Estate, Bombay-400038, Maharashtra, India, an Indian Company. "an Electric Switch". 15th December, 1989.

Class. 3. No. 161742. Richie Rich Products, A-18, Ram House Middle Circle Connaught Place New Delhi-110001, India, an Indian sole Proprietorship concern. "Snake". 26th December, 1989.

Class. 3. Nos. 161902 & 161903. Ramanik Balubhai Lakhani trading as Giriraj Industries a Sole Proprietary Concern having its office at Bliss Compound, Nivetia Road, Malad East, Bombay-400 097, in the State of Maharashtra within the Union of India. "TOY". 22nd February, 1990.

Class. 4. No. 161558. Kissan Products Limited (a company existing under the Companies Act) at Old Madras Road, Bangalore-560 016, State of Karnataka, India. "Bottle". 24th October, 1989.

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